



## Blocking Buffer Powder Blends

Code	Description	Size
M230-42G-5PK	<b>TBS With Nonfat Milk, Powdered Blend</b>	5 x 1 L
M231-22G-5PK	<b>TBS With BSA, Powdered Blend</b>	5 x 1 L
M232-39.8G-5PK	<b>PBS With Nonfat Milk, Powdered Blend</b>	5 x 1 L
M233-19.8G-5PK	<b>PBS With BSA, Powdered Blend</b>	5 x 1 L
M235-12.5G-5PK	<b>TBS With Tween® 20, Powder Blend</b>	5 x 1 L
M245-10.4G-5PK	<b>PBS Buffer, pH 7.4 With 0.05% Tween® 20</b>	5 x 1 L

### General Information

VWR Life Science AMRESCO offers the most routinely used blocking buffers in convenient pouches as premixed powder blends. Each pouch, when reconstituted to 1 L with deionized water, prepares 1 L of 1X blocking buffer.

### Storage/Stability

Store M230, M232, M235 and M245 powder blends at room temperature (18 – 26°C). Store M231 and M233 powder blends cold (2 – 8°C). Store blocking buffer solutions containing milk or BSA cold (2 – 8°C).

### Product Use Limitations

For research use only. Not for therapeutic or diagnostic use.

## Protocol/Procedure

### Preparation of 1X blocking buffer (1 L)

**Note:** Each pouch of blocking buffer powder blend is sufficient to prepare 1 L of a 1X blocking solution.

1. Dissolve one pouch of blocking buffer powder blend in 0.8 L of deionized water.
2. Bring final volume to 1 L with deionized water and mix.
3. Use blocking solution per standard immunoblotting procedures.

### Composition of 1X Blocking Buffers (1 L)

Component	1X PBS with Nonfat Milk	1X PBS with BSA	1X PBS with Tween® 20
Sodium Chloride	137 mM	137 mM	137 mM
Potassium Chloride	2.7 mM	2.7 mM	2.7 mM
Phosphate Buffer	10 mM	10 mM	10 mM
Nonfat Milk	3%	—	—
BSA	—	1%	—
Tween® 20	—	—	0.05%
Final pH	7.4	7.4	7.4

Component	1X TBS with Nonfat Milk	1X TBS with BSA	1X PBS with Tween® 20
Sodium Chloride	137 mM	137 mM	137 mM
Potassium Chloride	2.7 mM	2.7 mM	2.7 mM
Tris	25 mM	25 mM	25 mM
Nonfat Milk	3%	—	—
BSA	—	1%	—
Tween® 20	—	—	0.05%
Final pH	7.4	7.4	7.4

### For Technical Support

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